

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A process for the production of a two-component coating mixture having the following steps:

- a) ~~continuously mixing of~~ mixing a first coating component and a second coating component in a mixer ~~to yield the~~ mixing nozzle to yield a two-component coating mixture, ~~and mixture,~~
- b) homogenizing the two-component coating mixture using a homogeniser, ~~wherein~~ which is arranged downstream from the mixing nozzle and
- c) recirculating at least a portion of the two-component coating mixture from an outlet of the homogeniser to an inlet of the homogeniser such that at least a portion of the two-component coating mixture is homogenised repeatedly in succession ~~in the homogeniser.~~

2. (Currently Amended) The process according to Claim 1, ~~wherein the two coating components are supplied to the mixer~~ which comprises supplying the two coating components to the mixing nozzle separately from one another at a pressure of at most 2.5 MPa.

Claim 3 (Canceled)

4. (Currently Amended) The process according to Claim 1, wherein ~~a first coating component is~~ the first coating component comprises an aqueous binder dispersion ~~comprising~~ containing isocyanate-reactive hydrogen atoms, and ~~a second coating component contains~~ the second coating component comprises a polyisocyanate.

5. (Currently Amended) The process according to Claim 1, ~~wherein, between the mixer~~ wherein between the mixing nozzle and the homogeniser, the two-component coating mixture exhibits a mass flow rate of from 50 g/minute to 3000 g/minute.

6. (Original) The process according to Claim 1, wherein the homogeniser is a jet disperser.

7. (Currently Amended) The process according to Claim 1, ~~wherein a~~ which comprises supplying the first coating component ~~is supplied to the mixer to the mixing nozzle~~ by a first pump, ~~and/or a~~ and supplying the second coating component ~~is supplied to the mixer to the mixing nozzle~~ by a second pump, ~~and/or~~ and delivering the two-component coating mixture ~~is delivered~~ by a third pump from the mixer to the homogeniser.

8. (Currently Amended) The process according to Claim 7, ~~wherein~~ which comprises operating the third pump ~~is operated~~ at a higher delivery capacity than the first pump and the second pump together.

9. (Original) The process according to Claim 7, wherein at least one of the first pump, the second pump and the third pump is a gear pump.

Claims 10-23 (Cancelled)

24. (Currently Amended) The process according to Claim 1, wherein the two-component coating mixture ~~includes~~ comprises an aqueous binder dispersion ~~comprising~~ containing isocyanate-reactive hydrogen atoms and a polyisocyanate and forms an aqueous polyurethane coating emulsion.

25. (Canceled)

26. (Original) The process according to Claim 8, wherein at least one of the first pump, the second pump and the third pump is a gear pump.

Claims 27-67 (Canceled)